

Atty. Dkt. No. 10007152-1

I. Amendments to the Specification:

Please replace paragraphs [00074] and [00093] with the following corrected paragraphs:

[00074] The second argument, which is different for each call to the function 600 by the function 500 but which is invariant within recursive calls of the function 600 to itself, is the name of the patch that appears at the root of the particular patch tree that is being evaluated by the function 600 [[500]] at the request of the function 500 [[600]]. It will be recalled that the function 500 receives these root patch names in the set variable ROOTS. The function 500 calls the function 600 repeatedly, each time varying the root patch tree name that is passed to the function 600 so that a different patch tree is evaluated by each call to the function 600.

[00093] With reference to Fig. 9, the subroutine 900 is shown which examines each of the triples in the set CHILD_TRIPLES returned by [[a]] recursive function calls to the function 600 (step 600A in Fig. 7). At step 902, a triple is selected from the set CHILD_TRIPLES. At step 904, this triple is added to the set CHILDREN_RESULT which accumulates all of the triples generated during all of the recursive calls to the function 600 made during this particular operation of an instance of the function 600. The remaining eight steps 908-922 performed by the subroutine 900 only need to be carried out until a recommended or existing patch is found that is inferior to the CURRENT patch, as indicated by the CURRENT_IS_BETTER flag having been assigned the value TRUE. Accordingly, at step 906, if that flag is set to TRUE, then the remaining steps in the subroutine 900 are skipped, and program control returns immediately to the step 902 where the next triple is retrieved and examined, and this process continues until all of the triples have been examined and added to the set CHILDREN_RESULT by the step 904.